

Notice of Allowability

Application No.

10/600,843

Examiner

CHAMELI C. DAS

Applicant(s)

MIHARA, MAKOTO

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed on 6/23/03.
2. ☒ The allowed claim(s) is/are 1-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 3/10/06
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

1. Claims 1-38 have been allowed.
2. The drawings filed on 6/23/03 have been accepted by the Examiner.
3. Acknowledgement is made of applicant's claim for foreign priority based on the applications filed in Japan on 6/28/02.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Frank Delucia, applicant's attorney on 3/10/06.

The application has been amended as follows:

The Abstract has been replaced by the following abstract:

-- A log acquisition method is provided that allows a processing log of software to readily be acquired and reduces the man-hours needed for analyzing a bug. The log acquisition method is a method for acquiring a runtime log of a program including a function, comprising the step of changing the address of the function loaded to the address of a function for log acquisition and selecting the function, wherein the function for log acquisition comprises the steps of: calling the function the log of which is to be acquired to cause a predetermined process to be executed, receiving the result of the execution, and passing said result to said

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program, recording given information when calling the address of the selected function, and recording given information when receiving the result of the execution of the selected function. --

In the claims:

Claim 31 (Currently amended)

at line 19, [anew] should be replaced by a new

REASON FOR ALLOWANCE

5. The following is an examiner's statement of reason for allowance:

The cited prior art taken alone or in combination fail to teach in combination with the other claimed limitations, a method for acquiring a runtime log of a program including a function, comprising the step of: changing the address of the function loaded to the address of a function for log acquisition and selecting the function, wherein the function for log acquisition comprises the steps of: calling the function the log of which is to be acquired to cause a predetermined process to be executed, receiving the result of the execution, and passing said result to said program, recording given information when calling the address of the selected function, and recording given information when receiving the result of the execution of the selected function, as recited in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Device management information processing apparatus method and storage medium, US 6718378 B1

TITLE: Data processing device for processing virtual machine instructions, US 6298434

TITLE: Data processing apparatus, data processing method, and storage medium storing computer-readable program, US 6642943 B1

TITLE: Information processing apparatus and method therefor of binding common data between processes based on common data search results, and recording medium, US 6772421 B2

TITLE: Electronic device that stores information on its location based on information obtained from a node, US 6721818 B1

TITLE: Information processing apparatus and method in which an executable file in an incorporated memory is loaded and executed at startup, US 6470413 B1

TITLE: System for executing instructions having flag for indicating direct or indirect specification of a length of operand data, US 6349379 B1

TITLE: Method for analyzing calls of application program by inserting monitoring routines into the executable version and redirecting calls to the monitoring routines, US 5313616 A

TITLE: System and method for performing selective dynamic compilation using run-time information, US 6427234 B1

TITLE: Apparatus and method for monitoring messages forwarded between applications, US 6915457 B1

TITLE: Data log acquisition circuit and data log acquisition method, US 6915470 B2

TITLE: Computer program profiler, US 6519766 B1

TITLE: Detection of memory-related errors in computer programs, US 6823507 B1

TITLE: Dynamic classification of sections of software, US 6957422 B2

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TITLE: Development system and methods with direct compiler support for detecting invalid use and management of resources and memory at runtime, US 5909580 A

TITLE: Data backup/recovery system, US 6934877 B2

TITLE: Method and apparatus for data flow analysis, US 6226789 B1

TITLE: Performance Assertion Checking, author: Perl et al, ACM, 1993.

TITLE: Performance Debugging Shared Memory Parallel Programs Using Run-Time Dependence Analysis, author: Rajamony et al, ACM, 1997.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chameli Das whose telephone number is 571-272-3696.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 571-272-3695. The fax number for this group is (571) 273-8300.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 571-272-2100.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER

3/10/06